



Gulf of Mexico Harmful Algal Bloom Bulletin

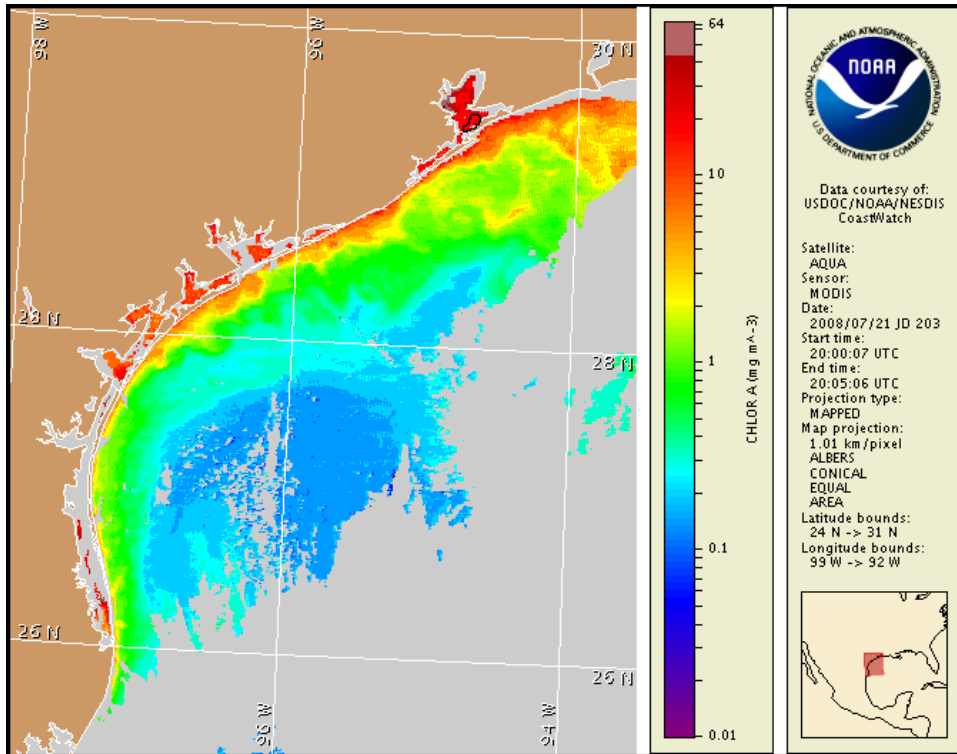
Region: Texas

22 July 2008

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: July 15, 2008



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from July 12 to 18 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.

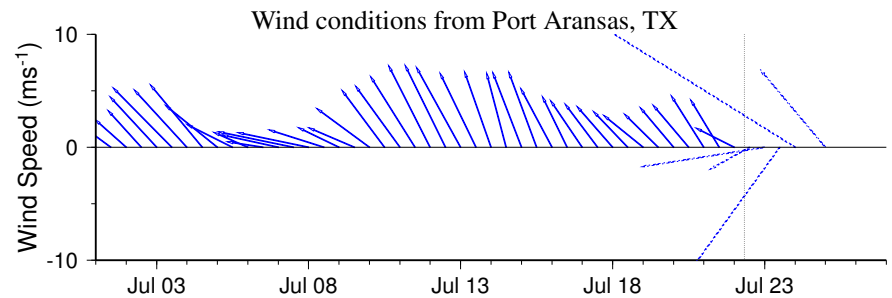
Conditions Report

There are no reports of harmful algae at this time. No impacts are expected.

Analysis

A bloom that has been identified as *Alexandrium monilatum* has been reported in the Galveston area. A likely bloom has also been reported in the Sabine Pass area. No fish kills or impacts have been reported. This is not a bloom of the typical red tide species, *Karenia brevis*.

~Wynne, Tomlinson



Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Wind Analysis

BASED UPON THE LATEST FORECAST FROM THE NATIONAL HURRICANE CENTER...TROPICAL

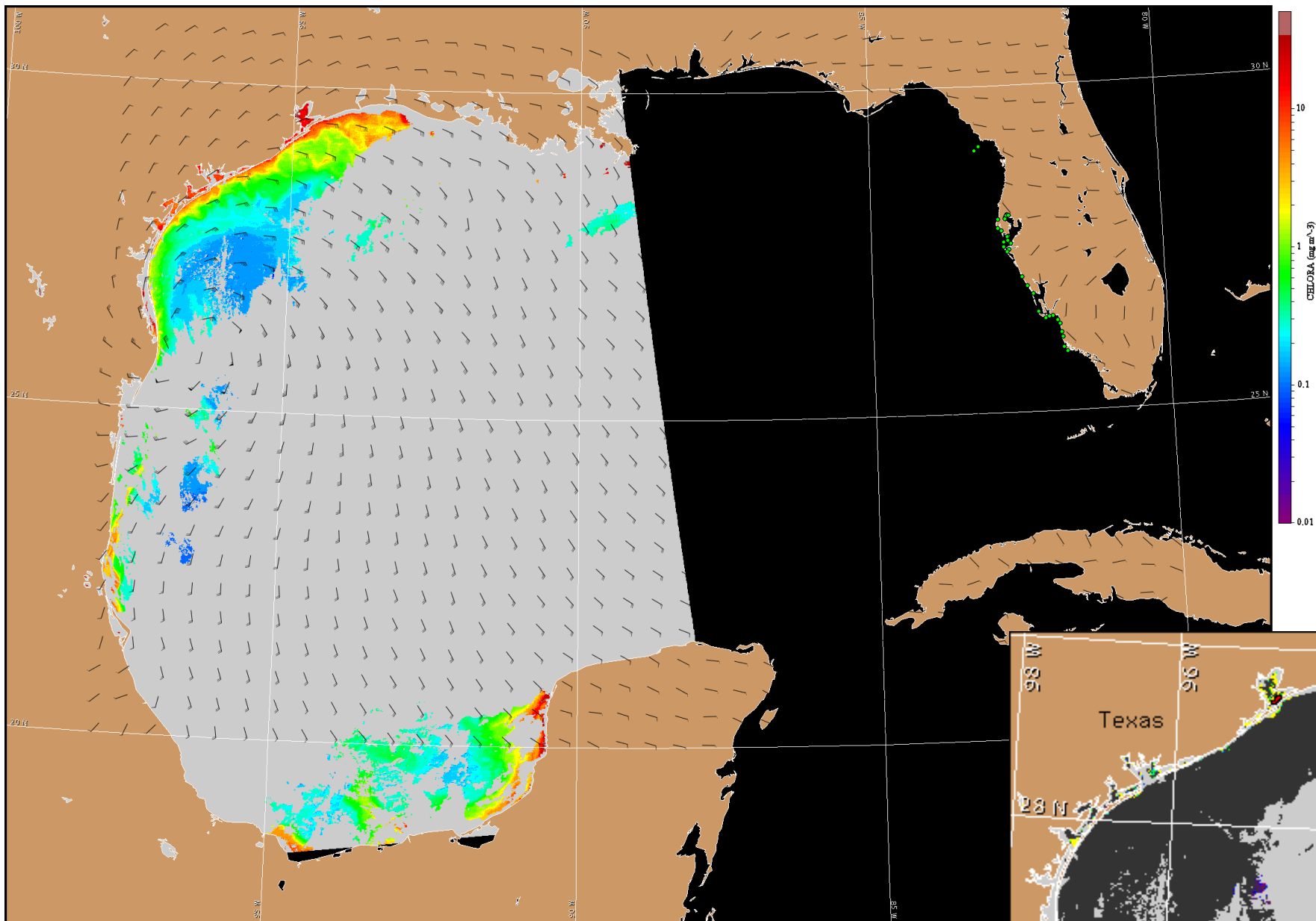
STORM DOLLY WILL STRENGTHEN TO A CATEGORY ONE HURRICANE TONIGHT

BEFORE MAKING LANDFALL NEAR BROWNSVILLE WEDNESDAY MORNING. TROPICAL STORM FORCE WINDS WILL AFFECT THE WATERS BY MIDNIGHT TONIGHT WITH BRIEF HURRICANE FORCE WIND GUSTS POSSIBLE LATE TONIGHT THROUGH WEDNESDAY AFTERNOON ACROSS AREAS MAINLY TO THE

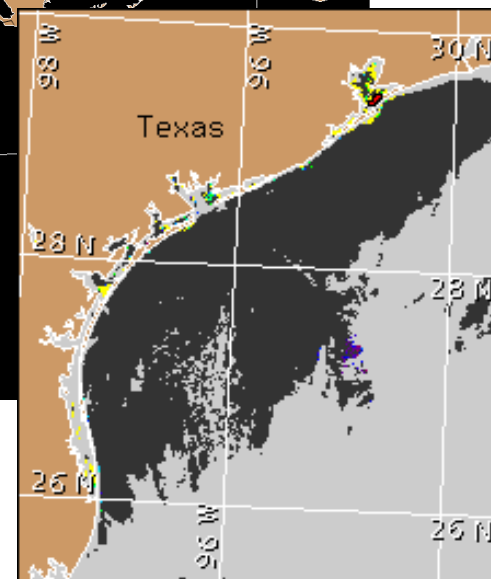
SOUTH OF PORT ARANSAS. RAIN BANDS FROM DOLLY WILL BEGIN TO IMPACT

THE WATERS TODAY AND WILL INCREASE IN INTENSITY AND COVERAGE TONIGHT AND WEDNESDAY AS DOLLY MOVES CLOSER TO THE COAST.

To see previous bulletins and forecasts for other Harmful Algal Bloom Bulletin regions, visit the NOAA CoastWatch bulletin archive: http://coastwatch.noaa.gov/hab/bulletins_ns.htm



Satellite chlorophyll image and forecast winds for July 23, 2008 12Z with Cell concentration sampling data from July 12 to 18 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf



Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).